

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
AvA: Avonburg-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.94
		Depth to saturated zone	0.94	Cutbanks cave	0.10		
		Shrink-swell	0.50				
AvB2: Avonburg-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.94
		Depth to saturated zone	0.94	Cutbanks cave	0.10		
		Shrink-swell	0.50				
BbA: Birkbeck-----	90	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.99	Not limited	
		Shrink-swell	0.50	Depth to dense layer	0.50		
				Cutbanks cave	0.10		
BbB1: Birkbeck-----	90	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.99	Not limited	
		Shrink-swell	0.50	Depth to dense layer	0.50		
				Cutbanks cave	0.10		
BbB2: Birkbeck-----	90	Very limited Frost action	1.00	Somewhat limited Depth to saturated zone	0.99	Not limited	
		Shrink-swell	0.50	Depth to dense layer	0.50		
				Cutbanks cave	0.10		
Bp: Borrow Pits-----	100	Not rated		Not rated		Not rated	

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Br: Brookston-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50				
By: Brookston-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50				
CcB1:							

Cincinnati-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone Cutbanks cave	1.00 0.10	Not limited	
CcB2: Cincinnati-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone Cutbanks cave	1.00 0.10	Not limited	
CcC1: Cincinnati-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone Cutbanks cave Slope	1.00 0.10 0.01	Somewhat limited Slope	0.01
CcC2: Cincinnati-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone Cutbanks cave Slope	1.00 0.10 0.04	Somewhat limited Slope	0.04
CcD1: Cincinnati-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone Slope Cutbanks cave	1.00 0.96 0.10	Somewhat limited Slope	0.96
CcD2: Cincinnati-----	100	Very limited Frost action Slope	1.00 1.00	Very limited Slope Depth to saturated zone Cutbanks cave	1.00 1.00 0.10	Very limited Slope	1.00

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
CcE1: Cincinnati-----	100	Very limited Slope Frost action Shrink-swell	1.00 1.00 0.50	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
CcE2: Cincinnati-----	100	Very limited Slope Frost action Shrink-swell	1.00 1.00 0.50	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
CcF2: Cincinnati-----	100	Very limited Slope Frost action	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
CnC3: Cincinnati-----	100	Very limited Frost action Depth to saturated zone Slope	1.00 0.43 0.01	Very limited Depth to saturated zone Cutbanks cave Slope	1.00 0.10 0.01	Somewhat limited Depth to saturated zone Slope	0.43 0.01
CnD3: Cincinnati-----	100	Very limited Frost action Slope Depth to saturated zone	1.00 0.96 0.43	Very limited Depth to saturated zone Slope Cutbanks cave	1.00 0.96 0.10	Somewhat limited Slope Depth to saturated zone	0.96 0.43
CnE3: Cincinnati-----	100	Very limited Slope Frost action	1.00 1.00	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
Co: Cope-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00

Cp: Cope-----	100	Depth to saturated zone	1.00	Depth to dense layer	0.50		
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Depth to dense layer	0.50		
		Shrink-swell	0.50	Cutbanks cave	0.10		

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
CrA: Crosby-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.94
		Depth to saturated zone	0.94	Depth to dense layer	0.50		
				Cutbanks cave	0.10		
CrB1: Crosby-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.94
		Depth to saturated zone	0.94	Depth to dense layer	0.50		
				Cutbanks cave	0.10		
CrB2: Crosby-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.94
		Depth to saturated zone	0.94	Depth to dense layer	0.50		
				Cutbanks cave	0.10		
De: Delmar-----	90	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Frost action	1.00	Depth to dense layer	0.50		
		Shrink-swell	0.50	Cutbanks cave	0.10		
Ee: Eel-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Flooding	1.00
		Flooding	1.00	Flooding	0.80	Depth to saturated zone	0.19
		Depth to saturated zone	0.19	Cutbanks cave	0.10		
Es: Eel-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Flooding	1.00
		Flooding	1.00	Flooding	0.80	Depth to saturated zone	0.19
		Depth to saturated zone	0.19	Cutbanks cave	0.10		
FaB: Fairmount-----	100	Very limited Depth to hard bedrock	1.00	Very limited Depth to hard bedrock	1.00	Very limited Depth to bedrock	1.00
		Shrink-swell	1.00	Too clayey	0.50	Droughty	0.90
		Frost action	0.50	Cutbanks cave	0.10		

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value

FaC:							
Fairmount-----	100	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Shrink-swell	1.00	Too clayey	0.50	Droughty	0.90
		Frost action	0.50	Cutbanks cave	0.10	Slope	0.01
		Slope	0.01	Slope	0.01		
FaD:							
Fairmount-----	100	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Shrink-swell	1.00	Slope	1.00	Slope	1.00
		Slope	1.00	Too clayey	0.50	Droughty	0.90
		Frost action	0.50	Cutbanks cave	0.10		
FaE:							
Fairmount-----	100	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Too clayey	0.50	Droughty	0.90
		Frost action	0.50	Cutbanks cave	0.10	Content of large stones	0.16
		Content of large stones	0.09	Content of large stones	0.09		
FaF:							
Fairmount-----	100	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Too clayey	0.50	Droughty	0.90
		Frost action	0.50	Cutbanks cave	0.10	Content of large stones	0.16
		Content of large stones	0.09	Content of large stones	0.09		
FaG:							
Fairmount-----	100	Very limited		Very limited		Very limited	
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to bedrock	1.00
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Too clayey	0.50	Droughty	0.90
		Frost action	0.50	Cutbanks cave	0.10	Content of large stones	0.16
		Content of large stones	0.09	Content of large stones	0.09		
FcA:							
Fincastle-----	90	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.94
		Depth to saturated zone	0.94	Depth to dense layer	0.50		
		Shrink-swell	0.50	Cutbanks cave	0.10		

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
FcB1:							
Fincastle-----	90	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.94
		Depth to saturated zone	0.94	Depth to dense layer	0.50		
		Shrink-swell	0.50	Cutbanks cave	0.10		
FcB2:							
Fincastle-----	90	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.94
		Depth to saturated zone	0.94	Depth to dense layer	0.50		
		Shrink-swell	0.50	Cutbanks cave	0.10		
FeA:							
Crosby-----	45	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.94
		Depth to saturated zone	0.94	Depth to dense layer	0.50		
				Cutbanks cave	0.10		
Fincastle-----	45	Very limited		Very limited		Somewhat limited	

			Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.94
			Depth to saturated zone	0.94	Depth to dense layer	0.50		
			Shrink-swell	0.50	Cutbanks cave	0.10		
FeB:								
Crosby-----	45	Very limited	Frost action	1.00	Very limited		Somewhat limited	
			Depth to saturated zone	0.94	Depth to saturated zone	1.00	Depth to saturated zone	0.94
			Depth to saturated zone	0.94	Depth to dense layer	0.50		
			Shrink-swell	0.50	Cutbanks cave	0.10		
Fincastle-----	45	Very limited	Frost action	1.00	Very limited		Somewhat limited	
			Depth to saturated zone	0.94	Depth to saturated zone	1.00	Depth to saturated zone	0.94
			Depth to saturated zone	0.94	Depth to dense layer	0.50		
			Shrink-swell	0.50	Cutbanks cave	0.10		
FeB2:								
Crosby-----	45	Very limited	Frost action	1.00	Very limited		Somewhat limited	
			Depth to saturated zone	0.94	Depth to saturated zone	1.00	Depth to saturated zone	0.94
			Depth to saturated zone	0.94	Depth to dense layer	0.50		
					Cutbanks cave	0.10		

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Fincastle-----	45	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.94
		Depth to saturated zone	0.94	Depth to dense layer	0.50		
		Shrink-swell	0.50	Cutbanks cave	0.10		
FmA:							
Fox-----	100	Somewhat limited		Very limited		Not limited	
		Shrink-swell	0.50	Cutbanks cave	1.00		
		Frost action	0.50				
FmB1:							
Fox-----	100	Somewhat limited		Very limited		Not limited	
		Shrink-swell	0.50	Cutbanks cave	1.00		
		Frost action	0.50				
FmB2:							
Fox-----	100	Somewhat limited		Very limited		Not limited	
		Shrink-swell	0.50	Cutbanks cave	1.00		
		Frost action	0.50				
FmC2:							
Fox-----	100	Somewhat limited		Very limited		Somewhat limited	
		Shrink-swell	0.50	Cutbanks cave	1.00	Slope	0.01
		Frost action	0.50	Slope	0.01		
		Slope	0.01				
FnA:							
Fox-----	100	Somewhat limited		Very limited		Not limited	
		Shrink-swell	0.50	Cutbanks cave	1.00		
		Frost action	0.50				
FnB1:							
Fox-----	100	Somewhat limited		Very limited		Not limited	
		Shrink-swell	0.50	Cutbanks cave	1.00		
		Frost action	0.50				
FnB2:							
Fox-----	100	Somewhat limited		Very limited		Not limited	
		Shrink-swell	0.50	Cutbanks cave	1.00		
		Frost action	0.50				
FnC2:							
Fox-----	100	Somewhat limited		Very limited		Somewhat limited	
		Shrink-swell	0.50	Cutbanks cave	1.00	Slope	0.01
		Frost action	0.50	Slope	0.01		
		Slope	0.01				
FnD1:							
Fox-----	100	Somewhat limited		Very limited		Somewhat limited	
		Slope	0.96	Cutbanks cave	1.00	Slope	0.96
		Shrink-swell	0.50	Slope	0.96		

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
FnD2: Fox-----	100	Very limited Slope Shrink-swell Frost action	 1.00 0.50 0.50	Very limited Cutbanks cave Slope	 1.00 1.00	Very limited Slope	 1.00
FoB2: Fox-----	100	Somewhat limited Shrink-swell Frost action	 0.50 0.50	Very limited Cutbanks cave	 1.00	Not limited	
FoC2: Fox-----	100	Somewhat limited Shrink-swell Frost action Slope	 0.50 0.50 0.01	Very limited Cutbanks cave Slope	 1.00 0.01	Somewhat limited Slope	 0.01
FpC3: Fox-----	100	Somewhat limited Shrink-swell Frost action Slope	 0.50 0.50 0.01	Very limited Cutbanks cave Slope	 1.00 0.01	Somewhat limited Slope	 0.01
FrC3: Fox-----	100	Somewhat limited Shrink-swell Frost action Slope	 0.50 0.50 0.01	Very limited Cutbanks cave Slope	 1.00 0.01	Somewhat limited Slope	 0.01
FsD2: Fox-----	50	Very limited Slope Shrink-swell Frost action	 1.00 0.50 0.50	Very limited Cutbanks cave Slope	 1.00 1.00	Very limited Slope	 1.00
Rodman-----	50	Very limited Slope	 1.00	Very limited Cutbanks cave Slope	 1.00 1.00	Very limited Slope Droughty Gravel content	 1.00 0.49 0.44
FtD2: Fox-----	50	Very limited Slope Shrink-swell Frost action	 1.00 0.50 0.50	Very limited Cutbanks cave Slope	 1.00 1.00	Very limited Slope	 1.00
Rodman-----	50	Very limited Slope	 1.00	Very limited Cutbanks cave Slope	 1.00 1.00	Very limited Slope Droughty Gravel content	 1.00 0.49 0.44
FtE2: Fox-----	50	Very limited Slope Shrink-swell Frost action	 1.00 0.50 0.50	Very limited Slope Cutbanks cave	 1.00 1.00	Very limited Slope	 1.00

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Rodman-----	50	Very limited Slope	 1.00	Very limited Slope Cutbanks cave	 1.00 1.00	Very limited Slope Droughty Gravel content	 1.00 0.49 0.44
FvD3: Fox-----	50	Very limited Slope Shrink-swell Frost action	 1.00 0.50 0.50	Very limited Cutbanks cave Slope	 1.00 1.00	Very limited Slope	 1.00

Rodman-----	50	Very limited Slope	1.00	Very limited Cutbanks cave Slope	1.00	Very limited Slope Droughty Gravel content	1.00 0.92 0.44
FxD3: Fox-----	50	Very limited Slope Shrink-swell Frost action	1.00 0.50 0.50	Very limited Cutbanks cave Slope	1.00 1.00	Very limited Slope	1.00
Rodman-----	50	Very limited Slope	1.00	Very limited Cutbanks cave Slope	1.00 1.00	Very limited Slope Droughty Gravel content	1.00 0.92 0.44
Ge: Genesee-----	90	Very limited Flooding Frost action	1.00 0.50	Somewhat limited Flooding Cutbanks cave	0.80 0.10	Very limited Flooding	1.00
Gg: Genesee-----	90	Very limited Flooding Frost action	1.00 0.50	Very limited Cutbanks cave Flooding Depth to saturated zone	1.00 0.80 0.15	Very limited Flooding Gravel content	1.00 0.32
Gm: Genesee-----	90	Very limited Flooding Frost action	1.00 0.50	Somewhat limited Flooding Cutbanks cave	0.80 0.10	Very limited Flooding	1.00
Go: Genesee-----	90	Very limited Flooding Frost action	1.00 0.50	Somewhat limited Flooding Cutbanks cave	0.80 0.10	Very limited Flooding	1.00
Gs: Genesee-----	90	Very limited Flooding Frost action	1.00 0.50	Somewhat limited Flooding Cutbanks cave	0.80 0.10	Very limited Flooding	1.00
Gt: Genesee-----	100	Very limited Flooding Frost action	1.00 0.50	Somewhat limited Flooding Cutbanks cave	0.80 0.10	Very limited Flooding	1.00

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Gv: Gravel Pits-----	100	Not rated		Not rated		Not rated	
HeF1: Hennepin-----	100	Very limited Slope Frost action	1.00 0.50	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
HeF2: Hennepin-----	100	Very limited Slope Frost action	1.00 0.50	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
HeG1: Hennepin-----	100	Very limited Slope Frost action	1.00 0.50	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
HeG2: Hennepin-----	100	Very limited Slope Frost action	1.00 0.50	Very limited Slope Cutbanks cave	1.00 0.10	Very limited Slope	1.00
Ho: Homer-----	90	Very limited Frost action Depth to saturated zone Shrink-swell	1.00 0.94 0.50	Very limited Depth to saturated zone Cutbanks cave	1.00 1.00	Somewhat limited Depth to saturated zone	0.94

Ko:							
Kokomo-----	100	Very limited		Very limited		Very limited	
		Depth to	1.00	Depth to	1.00	Depth to	1.00
		saturated zone		saturated zone		saturated zone	
		Frost action	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50				
La:							
Lake Beach-----	100	Not rated		Not rated		Not rated	
Ma:							
Made Land-----	100	Not rated		Not rated		Not rated	
MbA:							
Manlove-----	100	Very limited		Very limited		Not limited	
		Frost action	1.00	Depth to	1.00		
				saturated zone			
		Shrink-swell	0.50	Depth to dense	0.50		
				layer			
				Cutbanks cave	0.10		

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
MbB1:							
Manlove-----	100	Very limited		Somewhat limited		Not limited	
		Frost action	1.00	Depth to dense	0.50		
				layer			
				Cutbanks cave	0.10		
MbB2:							
Manlove-----	100	Very limited		Somewhat limited		Not limited	
		Frost action	1.00	Depth to dense	0.50		
				layer			
		Shrink-swell	0.50	Cutbanks cave	0.10		
McA:							
Martinsville-----	100	Somewhat limited		Very limited		Not limited	
		Shrink-swell	0.50	Cutbanks cave	1.00		
		Frost action	0.50				
McB1:							
Martinsville-----	100	Somewhat limited		Very limited		Not limited	
		Shrink-swell	0.50	Cutbanks cave	1.00		
		Frost action	0.50				
McB2:							
Martinsville-----	100	Somewhat limited		Very limited		Not limited	
		Shrink-swell	0.50	Cutbanks cave	1.00		
		Frost action	0.50				
McC2:							
Martinsville-----	100	Somewhat limited		Very limited		Somewhat limited	
		Shrink-swell	0.50	Cutbanks cave	1.00	Slope	0.01
		Frost action	0.50	Slope	0.01		
		Slope	0.01				
McD2:							
Martinsville-----	100	Somewhat limited		Very limited		Somewhat limited	
		Slope	0.96	Cutbanks cave	1.00	Slope	0.96
		Shrink-swell	0.50	Slope	0.96		
		Frost action	0.50				
MmA:							
Miami-----	100	Somewhat limited		Somewhat limited		Not limited	
		Frost action	0.50	Depth to	0.99		
				saturated zone			
				Cutbanks cave	0.10		
MmB1:							
Miami-----	90	Somewhat limited		Somewhat limited		Not limited	
		Frost action	0.50	Depth to	0.99		
				saturated zone			
				Depth to dense	0.50		
				layer			
				Cutbanks cave	0.10		

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
MmB2: Miami-----	90	Somewhat limited Frost action	0.50	Somewhat limited Depth to saturated zone Depth to dense layer Cutbanks cave	0.99 0.50 0.10	Not limited	
MmC1: Miami-----	90	Somewhat limited Frost action Slope	0.50 0.01	Somewhat limited Depth to saturated zone Depth to dense layer Cutbanks cave Slope	0.99 0.50 0.10 0.01	Somewhat limited Slope	0.01
MmC2: Miami-----	90	Somewhat limited Frost action Slope	0.50 0.01	Somewhat limited Depth to saturated zone Depth to dense layer Cutbanks cave Slope	0.99 0.50 0.10 0.01	Somewhat limited Slope	0.01
MmD1: Miami-----	90	Very limited Slope Frost action	1.00 0.50	Very limited Slope Depth to dense layer Cutbanks cave	1.00 0.50 0.10	Very limited Slope	1.00
MmD2: Miami-----	90	Very limited Slope Frost action	1.00 0.50	Very limited Slope Depth to dense layer Cutbanks cave	1.00 0.50 0.10	Very limited Slope	1.00
MmE1: Miami-----	90	Very limited Slope Frost action	1.00 0.50	Very limited Slope Depth to dense layer Cutbanks cave	1.00 0.50 0.10	Very limited Slope	1.00
MmE2: Miami-----	90	Very limited Slope Frost action	1.00 0.50	Very limited Slope Depth to dense layer Cutbanks cave	1.00 0.50 0.10	Very limited Slope	1.00

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
MsB3: Miami-----	90	Somewhat limited Frost action	0.50	Somewhat limited Depth to saturated zone Depth to dense layer Cutbanks cave	0.99 0.50 0.10	Not limited	
MsC3: Miami-----	90	Somewhat limited Frost action Slope	0.50 0.01	Somewhat limited Depth to saturated zone Depth to dense layer Cutbanks cave Slope	0.99 0.50 0.10 0.01	Somewhat limited Slope	0.01
MsD3: Miami-----	90	Very limited		Very limited		Very limited	

		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Depth to dense layer	0.50		
				Cutbanks cave	0.10		
MsE3:							
Miami-----	90	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	0.50	Depth to dense layer	0.50		
				Cutbanks cave	0.10		
MtB1:							
Milton-----	100	Somewhat limited		Very limited		Somewhat limited	
		Shrink-swell	0.50	Depth to hard bedrock	1.00	Depth to bedrock	0.42
		Frost action	0.50	Too clayey	0.50		
		Depth to hard bedrock	0.42	Cutbanks cave	0.10		
MtB2:							
Milton-----	100	Somewhat limited		Very limited		Somewhat limited	
		Shrink-swell	0.50	Depth to hard bedrock	1.00	Depth to bedrock	0.42
		Frost action	0.50	Too clayey	0.50		
		Depth to hard bedrock	0.42	Cutbanks cave	0.10		
Nn:							
Nineveh-----	100	Somewhat limited		Very limited		Not limited	
		Frost action	0.50	Cutbanks cave	1.00		
OcA:							
Ockley-----	100	Somewhat limited		Very limited		Not limited	
		Shrink-swell	0.50	Cutbanks cave	1.00		
		Frost action	0.50				

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
OcB1:							
Ockley-----	100	Somewhat limited		Very limited		Not limited	
		Shrink-swell	0.50	Cutbanks cave	1.00		
		Frost action	0.50				
OcB2:							
Ockley-----	100	Somewhat limited		Very limited		Not limited	
		Shrink-swell	0.50	Cutbanks cave	1.00		
		Frost action	0.50				
OcC2:							
Ockley-----	100	Somewhat limited		Very limited		Somewhat limited	
		Shrink-swell	0.50	Cutbanks cave	1.00	Slope	0.01
		Frost action	0.50	Slope	0.01		
		Slope	0.01				
OkB3:							
Ockley-----	100	Somewhat limited		Very limited		Not limited	
		Shrink-swell	0.50	Cutbanks cave	1.00		
		Frost action	0.50				
OkC3:							
Ockley-----	100	Somewhat limited		Very limited		Somewhat limited	
		Shrink-swell	0.50	Cutbanks cave	1.00	Slope	0.01
		Frost action	0.50	Slope	0.01		
		Slope	0.01				
ReA:							
Reesville-----	100	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.94
		Depth to saturated zone	0.94	Depth to dense layer	0.50		
		Shrink-swell	0.50	Cutbanks cave	0.10		
ReA2:							
Reesville-----	90	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.94
		Depth to saturated zone	0.94	Depth to dense layer	0.50		
		Shrink-swell	0.50	Cutbanks cave	0.10		
ReB2:							
Reesville-----	90	Very limited		Very limited		Somewhat limited	

		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.94
		Depth to saturated zone	0.94	Depth to dense layer	0.50		
		Shrink-swell	0.50	Cutbanks cave	0.10		
RgD2:							
Rodman-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
				Cutbanks cave	1.00	Droughty	0.97
						Gravel content	0.44

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
RgE1:							
Rodman-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
				Cutbanks cave	1.00	Droughty	0.97
						Gravel content	0.44
RgE2:							
Rodman-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
				Cutbanks cave	1.00	Droughty	0.97
						Gravel content	0.44
RgF2:							
Rodman-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
				Cutbanks cave	1.00	Droughty	0.97
						Gravel content	0.44
Ro:							
Ross-----	100	Very limited Flooding	1.00	Somewhat limited Flooding	0.60	Somewhat limited Flooding	0.60
		Shrink-swell	0.50	Cutbanks cave	0.10		
		Frost action	0.50				
RsA:							
Russell-----	100	Very limited Frost action	1.00	Somewhat limited Depth to dense layer	0.50	Not limited	
		Shrink-swell	0.50	Depth to saturated zone	0.24		
				Cutbanks cave	0.10		
RsB1:							
Russell-----	100	Very limited Frost action	1.00	Somewhat limited Depth to dense layer	0.50	Not limited	
		Shrink-swell	0.50	Depth to saturated zone	0.24		
				Cutbanks cave	0.10		
RsB2:							
Russell-----	76	Very limited Frost action	1.00	Somewhat limited Depth to dense layer	0.50	Not limited	
		Low strength	1.00	Depth to saturated zone	0.24		
		Shrink-swell	0.50	Cutbanks cave	0.10		
RsC1:							
Russell-----	100	Very limited Frost action	1.00	Somewhat limited Depth to dense layer	0.50	Somewhat limited Slope	0.01
		Shrink-swell	0.50	Depth to saturated zone	0.24		
		Slope	0.01	Cutbanks cave	0.10		
				Slope	0.01		

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value

RsC2:							
Russell-----	100	Very limited		Somewhat limited		Somewhat limited	
		Frost action	1.00	Depth to dense layer	0.50	Slope	0.01
		Shrink-swell	0.50	Depth to saturated zone	0.24		
		Slope	0.01	Cutbanks cave	0.10		
				Slope	0.01		
RsD1:							
Russell-----	100	Very limited		Very limited		Very limited	
		Frost action	1.00	Slope	1.00	Slope	1.00
		Slope	1.00	Depth to dense layer	0.50		
		Shrink-swell	0.50	Cutbanks cave	0.10		
RsD2:							
Russell-----	100	Very limited		Very limited		Very limited	
		Frost action	1.00	Slope	1.00	Slope	1.00
		Slope	1.00	Depth to dense layer	0.50		
		Shrink-swell	0.50	Cutbanks cave	0.10		
RsE1:							
Russell-----	100	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	1.00	Depth to dense layer	0.50		
		Shrink-swell	0.50	Cutbanks cave	0.10		
RsE2:							
Russell-----	100	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	1.00	Depth to dense layer	0.50		
		Shrink-swell	0.50	Cutbanks cave	0.10		
RtB3:							
Russell-----	100	Very limited		Somewhat limited		Not limited	
		Frost action	1.00	Depth to dense layer	0.50		
		Shrink-swell	0.50	Depth to saturated zone	0.24		
				Cutbanks cave	0.10		
RtC3:							
Russell-----	100	Very limited		Somewhat limited		Somewhat limited	
		Frost action	1.00	Depth to dense layer	0.50	Slope	0.01
		Shrink-swell	0.50	Depth to saturated zone	0.24		
		Slope	0.01	Cutbanks cave	0.10		
				Slope	0.01		

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
RtD3:							
Russell-----	100	Very limited		Very limited		Very limited	
		Frost action	1.00	Slope	1.00	Slope	1.00
		Slope	1.00	Depth to dense layer	0.50		
		Shrink-swell	0.50	Cutbanks cave	0.10		
RtE3:							
Russell-----	100	Very limited		Very limited		Very limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Frost action	1.00	Depth to dense layer	0.50		
		Shrink-swell	0.50	Cutbanks cave	0.10		
RuA:							
Miami-----	50	Somewhat limited		Somewhat limited		Not limited	
		Frost action	0.50	Depth to saturated zone	0.99		
				Depth to dense layer	0.50		
				Cutbanks cave	0.10		
Russell-----	50	Very limited		Somewhat limited		Not limited	
		Frost action	1.00	Depth to dense layer	0.50		
		Shrink-swell	0.50	Depth to saturated zone	0.35		
				Cutbanks cave	0.10		

RuB1:							
Miami-----	50	Somewhat limited Frost action	0.50	Somewhat limited Depth to saturated zone Depth to dense layer Cutbanks cave	0.99 0.50 0.10	Not limited	
Russell-----	50	Very limited Frost action Shrink-swell	1.00 0.50	Somewhat limited Depth to dense layer Depth to saturated zone Cutbanks cave	0.50 0.24 0.10	Not limited	
RuB2:							
Miami-----	50	Somewhat limited Frost action	0.50	Somewhat limited Depth to saturated zone Depth to dense layer Cutbanks cave	0.99 0.50 0.10	Not limited	
Russell-----	50	Very limited Frost action Shrink-swell	1.00 0.50	Somewhat limited Depth to dense layer Depth to saturated zone Cutbanks cave	0.50 0.24 0.10	Not limited	

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
RuC1:							
Miami-----	50	Somewhat limited Frost action Slope	0.50 0.01	Somewhat limited Depth to saturated zone Depth to dense layer Cutbanks cave Slope	0.99 0.50 0.10 0.01	Somewhat limited Slope	0.01
Russell-----	50	Very limited Frost action Shrink-swell Slope	1.00 0.50 0.01	Somewhat limited Depth to dense layer Depth to saturated zone Cutbanks cave Slope	0.50 0.24 0.10 0.01	Somewhat limited Slope	0.01
RuC2:							
Miami-----	50	Somewhat limited Frost action Slope	0.50 0.01	Somewhat limited Depth to saturated zone Depth to dense layer Cutbanks cave Slope	0.99 0.50 0.10 0.01	Somewhat limited Slope	0.01
Russell-----	50	Very limited Frost action Shrink-swell Slope	1.00 0.50 0.01	Somewhat limited Depth to dense layer Depth to saturated zone Cutbanks cave Slope	0.50 0.24 0.10 0.01	Somewhat limited Slope	0.01
RvB3:							
Miami-----	50	Somewhat limited Frost action	0.50	Somewhat limited Depth to saturated zone Depth to dense layer Cutbanks cave	0.99 0.50 0.10	Not limited	
Russell-----	50	Very limited Frost action Shrink-swell	1.00 0.50	Somewhat limited Depth to dense layer Depth to saturated zone Cutbanks cave	0.50 0.24 0.10	Not limited	
RvC3:							
Miami-----	50	Somewhat limited		Somewhat limited		Somewhat limited	

		Frost action	0.50	Depth to saturated zone	0.99	Slope	0.04
		Slope	0.04	Depth to dense layer	0.50		
				Cutbanks cave	0.10		
				Slope	0.04		

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Russell-----	50	Very limited Frost action	1.00	Somewhat limited Depth to dense layer	0.50	Somewhat limited Slope	0.04
		Shrink-swell	0.50	Depth to saturated zone	0.24		
		Slope	0.04	Cutbanks cave	0.10		
				Slope	0.04		
Rw: Riverwash-----	100	Not rated		Not rated		Not rated	
Sh: Shoals-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Flooding	1.00
		Flooding	1.00	Flooding	0.80	Depth to saturated zone	0.94
		Depth to saturated zone	0.94	Cutbanks cave	0.10		
Sn: Sloan-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Flooding	1.00
		Frost action	1.00	Flooding	0.80	Depth to saturated zone	1.00
		Flooding	1.00	Cutbanks cave	0.10		
		Shrink-swell	0.50				
We: Westland-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Cutbanks cave	1.00		
WhA: Whitaker-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.94
		Depth to saturated zone	0.94	Cutbanks cave	0.10		
		Shrink-swell	0.50				
WhB: Whitaker-----	90	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.94
		Depth to saturated zone	0.94	Cutbanks cave	0.10		
		Shrink-swell	0.50				

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
WnB1: Wynn-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Depth to soft bedrock	0.42	Somewhat limited Depth to bedrock	0.42
		Frost action	0.50	Too clayey	0.24		
				Cutbanks cave	0.10		
WnB2:							

Wynn-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Depth to soft bedrock	0.42	Somewhat limited Depth to bedrock	0.42
		Frost action	0.50	Too clayey Cutbanks cave	0.24 0.10		
WnC2: Wynn-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Depth to soft bedrock	0.42	Somewhat limited Depth to bedrock	0.42
		Frost action	0.50	Too clayey	0.24	Slope	0.01
		Slope	0.01	Cutbanks cave Slope	0.10 0.01		
WnD2: Wynn-----	100	Very limited Slope	1.00	Very limited Slope	1.00	Very limited Slope	1.00
		Shrink-swell	0.50	Depth to soft bedrock	0.42	Depth to bedrock	0.42
		Frost action	0.50	Too clayey Cutbanks cave	0.24 0.10		
WyC3: Wynn-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Depth to soft bedrock	0.42	Somewhat limited Depth to bedrock	0.42
		Frost action	0.50	Cutbanks cave	0.10	Slope	0.01
		Slope	0.01	Too clayey Slope	0.01 0.01		
XeA: Xenia-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.43
		Shrink-swell	0.50	Depth to dense layer	0.50		
		Depth to saturated zone	0.43	Cutbanks cave	0.10		
XeB1: Xenia-----	100	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.43
		Shrink-swell	0.50	Depth to dense layer	0.50		
		Depth to saturated zone	0.43	Cutbanks cave	0.10		

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
XeB2: Xenia-----	95	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.75
		Low strength	1.00	Depth to dense layer	0.50		
		Depth to saturated zone	0.75	Cutbanks cave	0.10		
		Shrink-swell	0.50				
XnA: Celina-----	50	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Shrink-swell	0.50	Depth to dense layer	0.50		
		Depth to saturated zone	0.19	Cutbanks cave	0.10		
Xenia-----	50	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.43
		Shrink-swell	0.50	Depth to dense layer	0.50		
		Depth to saturated zone	0.43	Cutbanks cave	0.10		
XnB1: Celina-----	50	Very limited Frost action	1.00	Very limited Depth to saturated zone	1.00	Somewhat limited Depth to saturated zone	0.19
		Shrink-swell	0.50	Depth to dense layer	0.50		
		Depth to	0.19	Cutbanks cave	0.10		

			saturated zone				
Xenia-----	50	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to	1.00	Depth to	0.43
				saturated zone		saturated zone	
		Shrink-swell	0.50	Depth to dense	0.50		
				layer			
		Depth to	0.43	Cutbanks cave	0.10		
		saturated zone					
XnB2:							
Celina-----	50	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to	1.00	Depth to	0.19
				saturated zone		saturated zone	
		Shrink-swell	0.50	Depth to dense	0.50		
				layer			
		Depth to	0.19	Cutbanks cave	0.10		
		saturated zone					

Table ENG-4.--Building Site Development--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Xenia-----	50	Very limited		Very limited		Somewhat limited	
		Frost action	1.00	Depth to	1.00	Depth to	0.43
				saturated zone		saturated zone	
		Shrink-swell	0.50	Depth to dense	0.50		
				layer			
		Depth to	0.43	Cutbanks cave	0.10		
		saturated zone					